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SOURCE Newspapers as indicated.

PLANTS INSTALL NEW PRODUCTION EQUIPMENT

TO EXPAND CAPITAL EQUIPMENT -- Moskovskiy Bol'shevik, No 12, 14 Jan 50

The Machine-Tool Building Plant imeni Ordzhonikidze has pledged to put out the first of a series of new cutting machines in January, and to manufacture and put into operation during the first quarter two automatic-transfer machine-tool lines of 20 machines each, each line being 80 meters long.

MACHINE-TOOL PLANT FURTHERS MASS PRODUCTION -- Vechernyaya Moskva, No 302, 23 Dec 49

The Frezer Plant imeni M. I. Kalinin has put into operation a second conveyor line for the production of twist drills and two high-duty automatic machines on the screw-tap conveyor line. It has begun production of high-duty shell reamers with hard-alloy blades and hard-alloy end mills. It has also built a machine tool for the machining of reamers.

TO MAKE HEAVY GRINDERS -- Komsomol'skaya Pravda, No 309, 31 Dec 49

The 1950 plan for the Khar'kov Machine-Tool Building Plant imeni Molotov calls for series production of grinders capable of handling parts up to 8 meters long, and for the manufacture of two heavy grinders to be used in facing granite for Moscow construction projects.

PRODUCE AHEAD OF PLAN -- Leningradskaya Pravda, No 308, 31 Dec 49

In June 1949 the Sestroretsk Tool Plant imeni Voskov was already producing on the 1950 schedule.

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The plant has cut production costs for most items 10-20 percent, while the production per machine tool has risen 11 percent. As a result of conveyor methods, the output of twist drills has risen nearly ten times and production of circular cutters more than doubled as compared to January 1949 figures.

GRINDER HAS MAGNIFYING VIEWING SCREEN -- Vechernyaya Moskva, No 13, 16 Jan 50

The Plant imeni Il'ich yesterday began shipping a consignment of particularly high-precision cylindrical grinders. Produced by this enterprise for the first time, they are intended for machining very fine parts encountered in machine and instrument building.

The first semiautomatics for superfinishing ball-bearing races have also been assembled. Ordinary grinding in comparison with operations accomplished by these machine tools looks like a roughing job. As long as there is any irregularity on the metal which could be detected with a measuring instrument, the tool continues to remove chips. A flash of the signal bulb shows that the superfinishing is complete.

In the near future the plant will supply machine builders with profile grinders equipped with a viewing screen on which the tool, traveling along the contour of the work piece, will be magnified 50 times. This is the "mechanical gage-maker." The first models have been completed and approved by the commission.

All products bearing the plant's trade-mark are the latest word in domestic techniques. All obsolete designs have been eliminated from production.

BEAT YEAR PRODUCTION QUOTA -- Krasnyy Flot, No 5, 6 Jan 50

During 1949 the Chkalov Tool Plant produced 400,000 assorted drills above the year plan. The new year has begun with daily production exceeding last year's by 10-12 percent.

TO HELP ZIS INTRODUCE NEW TECHNIQUES -- Moskovskiy Bol'shevik, No 8, 10 Jan 50

The Moscow Automobile Engineering Institute's tutorial activities in 1950 will be concerned mainly with helping the Automobile Plant imeni Stalin. It will assist the plant in extending the use of high-speed methods in metalworking. To this end, hard alloys will be introduced in the basic operations of boring and counterboring steel parts. The institute has already offered the plant an improved counterbore of its own design. In addition it will undertake research on multicutter lathes and gear-cutting machines in order to determine the degree of hardness required of alloy tools.

High-speed methods in the production of cast-iron billets will also be applied in the plant in 1950. -- M. Protasov, director, Moscow Automobile Engineering Institute

COMPLETES FIVE-YEAR PLAN -- Pravda Ukrainy, No 295, 16 Dec 49

The L'vov Tool Plant was the first plant in L'vov Oblast to complete the Five-Year Plan.

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PLANT SLOW, DISORDERLY -- Moskovskiy Bol'shevik, No 13, 15 Jan 50

The Moscow Grinding-Machine Plant completed the 1949 plan with fair results and even produced a number of original high-duty, complex machine tools. Yet, in view of its potential and personnel, it could have done much better. Its facilities should permit the plant to put out only excellent-quality products, but in reality some of its machine tools have been the object of complaints. The plant took 6, 8, and 10 months to produce new models which should have required no more than 2½-3 months.

Among reasons for the plant's inefficiency are the following: lack of mechanization in the casting shop, general lack of orderliness in the plant, disorganized handling of finished work, last-minute speed-ups, and failure to keep abreast of technical developments.

SCORES ERRATIC PRODUCTION -- Leningradskaya Pravda, No 7, 8 Jan 50

The Leningrad plants imeni K. Liebknecht and imeni Sverdlov are among those whose production tempo is habitually erratic and which try to meet their plans by last-minute speed-up. This month again, they have failed to produce a single machine during the first 6 days. The lag on the part of the Plant imeni Sverdlov is particularly serious, since other branches of industry depend on it for new machine tools.

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